

CLAIMS

What is claimed is:

- 5 1. An apparatus comprising:
 at least one carbon nanotube;
 wherein each carbon nanotube is formed directly on a protrusion by the
steps comprising:
 creating at least one nanosize catalyst retaining structure; and
10 forming the at least one carbon nanotube from said at least one
nanosize catalyst retaining structure.
2. An apparatus comprising:
 at least one carbon nanotube;
15 wherein each carbon nanotube is formed directly on a protrusion by the
steps comprising:
 placing a catalyst within at least one nanosize pore; and
 forming the at least one carbon nanotube from said at least one
nanosize pore.
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3. An apparatus comprising:
 at least one carbon nanotube;
 wherein each carbon nanotube is formed directly on a protrusion from a
nanosize pore containing catalyst.
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